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ALLE THE PADELWOIK REGISTER ACTOR 1995. III	Application Number	10/613,728				
TRANSMITTAL	Filing Date	07-03-2003				
FORM	First Named Inventor	ROBBINS, JEFFREY				
(to be used for all correspondence after initial filin	ng) Art Unit					
	Examiner Name					
Total Number of Pages in This Submission 7	Attorney Docket Number	CHM02-GN053				
	ENCLOSURES (Check all that	t apply)				
	Drawing(s)  Licensing-related Papers  Petition  Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Addre  Terminal Disclaimer  Request for Refund  CD, Number of CD(s)  Remarks  INFORMATION DISCLOSURE STATEM 10 CITED REFERENCES	After Allowance communication to Technology Center (TC)  Appeal Communication to Board of Appeals and Interferences Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  Proprietary Information  Status Letter Other Enclosure(s) (please Identify below):  AND RETURN POST CARD				
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Date 10-01-2003						
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**PATENT** 

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

# Application of:

Applicant

Robbins, Jeffrey

Serial No.

10/613,728

Filed On

July 3, 2003

Title

A ROBUST, INDUCIBLE CARDIAC PREFERRED EXPRESSION

SYSTEM FOR TRANSGNESIS

Examiner

Art Unit

Docket No.

CHM02-GN053

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313

Dear Sir:

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Pursuant to 37 C.F.R. § 1.97, the Examiner's attention is directed to the references listed on the attached Forms PTO-SB-08A/08B. A copy of each of the listed references is provided.

It is to be understood that the present disclosure of art is in no way intended to be a waiver of any arguments or defenses available to the Applicant under the rules of the U.S. Patent

{W0059890.1}

Information Disclosure Statement
CHM02-GN053
Page 2

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Respectfully submitted,

David A.Mancino Reg. No. 39,289

TAFT, STETTINIUS & HOLLISTER LLP 425 Walnut Street, Suite 1800 Cincinnati, OH 45202-3957 (513) 357-9331 mancino@taftlaw.com

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Application Number	10/613,728			
Filing Date	07-03-2003			
First Named Inventor	Robbins, Jeffrey			
Art Unit				
Examiner Name				
Attorney Docket Number	CHM02-GN053			

				DOCUMENTS	Pages, Columns, Lines, Where
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2</sup> (F known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
		US- 6,353,151 B1	03-05-2002	Leinwand et al.	
		US-			

		FORE	GN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	<b>⊤6</b>
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INF	ORMATION	DIS	CLOSURE	Filing Date	07-03-2003		
			PPLICANT	First Named Inventor	Robbins, Jeffrey		
				Art Unit			
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Sheet	2	of	3	Attorney Docket Number	CHM02-GN053		

		NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	1 4 1					
ROBBINS ET AL., Mouse Embryonic Stem Cells Express the Cardiac Myosin Heavy Chain Genes during Development in Vitro, The Journal of Biological Chemistry,						
	[cont'd] Vol. 265, No. 20, July 15, 1990 Issue, pp. 11905-11909, The American Society for Biochemistry and Molecular Biology, Inc., U.S.A., copyright 1990					
	SUBRAMANIAM ET AL., Tissue-specific Regulation of the a-Myosin Heavy Chain Gene Promoter in Transgenic Mice, The Journal of Biological Chemistry,					
[cont'd] Vol. 266, No. 36, Dec. 25, 1991 Issue, pp. 24613-24620, The American Society for Biochemistry and Molecular Biology, Inc., U.S.A., copyright 1991						
	SUBRAMANIAM ET AL., Transgenic Analysis of the Thyroid-responsive Elements in the a-Cardiac Myosin Heavy Chain Gene Promoter, The Journal of Biological Chemistry,					
		[cont'd] Vol. 268, No. 6, February 25, 1993 Issue, pp. 4331-4336, The American Society for Biochemistry and Molecular Biology, Inc., U.S.A., copyright 1993				
		DORN II ET AL., Myosin heavy chain regulation and myocyte contractile depression after LV hypertrophy in aortic-banded mice, Special Communication,				
		[cont'd] Vol. 0363-6135/94, pp. H400-H405, The American Physiological Society, copyright 1994				
	PALERMO ET AL., Transgenic Remodeling of the Contractile Apparatus in the Mammalian Heart, Circulation Research, 1996; 78:504-509, American Heart Assoc., U.S.A., c 1996					

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				Art Unit		
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Sheet	3	of	3	Attorney Docket Number	CHM02-GN053	

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Examiner Initials*	Cite No. <sup>1</sup>	the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>				
<u>,</u>		SANBE ET AL, Abnormal Cardiac Structure and Function in Mice Expressing Nonphosphorylatable Cardiac Regulatory Myosin Light Chain 2, The Journal of Biological Chemistry,					
		[cont'd] Vol. 274, No. 30, July 23, 1990 Issue, pp. 21085-21094, The American Society for Biochemistry and Molecular Biology, Inc., U.S.A., copyright 1999					
		SANBE ET AL., Examining the in Vivo Role of the Amino Terminus of the Essential Myosin Light Chain, The Journal of Biological Chemistry, Vol. 276,					
		[cont'd] No. 35, August 31, 2001 Issue, pp. 32682-32686, The American Society for Biochemistry and Molecular Biology, Inc., U.S.A., copyright 2001					
		JAMES ET AL., Transgenic Rabbits Expressing Mutant Essential Light Chain do not Develop Hypertrophic Cardiomyopathy, J Mol Cell Cardiol 00.1-10 (2002),					
		[cont'd] Elsevier Science Ltd., U.S.A., copyright 2002					
		SANBE ET AL., Reengineering Inducible Cardiac-Specific Transgenesis With an Attenuated Myosin Heavy Chain Promoter, Circulation Research, 2003;92:609)					
		[cont'd] American Heart Association, U.S.A., copyright 2003					
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